



**CAPITAL
PROJECTS
PLAN**

FY 2012/2013 - 2016/2017

Water Agency

Overview

Our Mission:

The Sonoma County Water Agency (Agency) was created in 1949 by an act of the California State Legislature and is a special district. The law that created the Agency gives it the authority to produce and furnish surface water and groundwater for beneficial uses; to control floodwaters; to generate electricity; and to provide recreational facilities in connection with the Agency's facilities. Legislation enacted in 1994 added the treatment and disposal of wastewater to the Agency's responsibilities. Increasing environmental regulations, including the listing of three Russian River salmonid species under the Federal Endangered Species Act, have influenced the Agency's water supply, flood control and wastewater management activities. Consequently, the Agency actively participates in and funds projects involving natural resource (e.g., fisheries, wetlands, etc.) protection, recovery and enhancement. In addition, the Agency will be implementing the Russian River Watershed Biological Opinion which was issued by the National Oceanic and Atmospheric Administration ("N.O.A.A.") National Marine Fisheries Service in September 2008.

Based on the increasingly complex nature of the Agency's activities, it was determined that efforts were needed to better define and focus the Agency's mission and objectives in order to make the best use of its limited resources. In 2003, the

Agency developed its first formal mission statement, which is as follows:

Mission Statement:

The mission of Sonoma County Water Agency is to effectively manage the resources in our care for the benefit of people and the environment in our service area.

In the future, the Agency believes it will need to manage watersheds using an integrated water management approach. In addition to developing a mission statement, Agency staff believed it was also necessary to define a set of guiding principles that the Agency expects its employees to follow in carrying out its mission. While the Agency's mission has and will likely change over time, the Agency's values should be relatively stable and enduring. These values support and guide the decision-making of every employee, helping the organization to accomplish its mission and meet its strategic goals in an appropriate manner. These values are as follows:

Solutions and Innovation:

We will focus on finding solutions to the water management challenges we face, whether it is in the day-to-day operation of our systems or the development of long-term programs to meet future needs. We will encourage innovation, creativity and ingenuity, recognizing that the best solutions often have not been tried before.

People and Teamwork:

We believe our employees are our most valuable asset. We respect the diversity of our staff and promote teamwork and mutual respect among all sections of the Agency. We also believe that a creative and empowered workplace can inspire staff to use their talents and commitment to fulfill the Agency's mission.

Community Service:

The Agency strives to provide high-quality service to those who rely on our water supply, flood control and sanitation services. We also recognize that we are part of a larger community and believe that we should support the ideas of environmental stewardship and sustainability to improve the quality of life for both present and future generations.

Integrity and Continuous Improvement:

Drawing upon the experience of our staff and the needs of our employees, our customers and our community, we will strive to make decisions in a sound and reasonable manner. We believe that our communication with others should be honest

and sincere. We will also strive to continuously improve the services we provide and the quality of our workplace.

This mission statement and the Agency's values have been incorporated into the Agency's Strategic Plan. This plan guides the Agency as it addresses the challenges it faces in meeting its goals and objectives. Each set of projects in this Capital Projects Plan has been linked to a specific objective in the Agency's Strategic Plan.

Agency Objectives:***Water Transmission System:***

The Agency is the primary provider of potable water to eight water contractors. The water contractors include the cities of Santa Rosa, Petaluma, Sonoma, Rohnert Park, and Cotati, the Town of Windsor, and the Valley of the Moon, and North Marin Water Districts. The Agency is responsible for the planning, environmental review, design, and construction of capital improvement projects to expand the water transmission system that serves the water contractors as required under the terms and conditions specified in the Restructured Agreement for Water Supply (Agreement). The water contractors' Water Advisory Committee (WAC) and/or Technical Advisory Committee (TAC) meets regularly (WAC quarterly and TAC monthly) with the Agency to discuss the scheduling and financing of water transmission system projects and other water supply and transmission system issues. Capital improvements made to the water transmission system are funded from the Storage Facilities Fund, the Pipeline Facilities Funds, and the Common Facilities Fund to meet the needs of the water contractors for the facilities

identified under the Agreement. Capital projects have been scheduled to accommodate funding limitations, to provide the least disruption to existing facilities and water contractors, and to allow an orderly and timely start-up to meet the conditions of the Agreement or any new laws or regulations governing drinking water suppliers.

Sanitation Zones:

The Agency owns and operates four sanitation zones, which include Airport-Larkfield-Wikiup, Geyserville, Penngrove, and Sea Ranch. The sanitation zones operate as zones of benefit, similar to the Agency's flood control zones.

Sanitation projects are scheduled according to the specific needs for each zone. Funding of projects may be accomplished by Federal and/or State grants, state revolving fund loans, certificates of participation, notes, revenue bonds, or on a pay-as-you-go basis.

This 5-year plan includes funding for projects to replace, upgrade, or expand the collection, treatment, and

disposal/reclamation facilities for most of the sanitation zones. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency's Strategic Plan.

Sanitation Districts:

The Agency is also responsible for the overall management (including operation) of four County Sanitation Districts. The four districts include Occidental, Russian River, Sonoma Valley, and South Park. Each County Sanitation District exists as a separate legal entity.

This 5-year plan includes funding for projects to replace, upgrade, or expand the collection, treatment, and disposal/reclamation facilities for the County Sanitation Districts. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency's Strategic Plan.

Agency Master Plan

The Water Agency's Capital Projects Plan identifies projects to be constructed over the next five years totaling approximately \$142 million, all of which are designed to meet the Agency's mission and mandate. The Water Agency was created in 1949 by an act of the California State Legislature and is a special district. The law that created the Agency gives it the authority to produce and furnish surface water and groundwater for beneficial uses; to control floodwaters; to generate electricity; and to provide recreational facilities in connection with the Agency's facilities. Legislation enacted in 1994 added the treatment and disposal of wastewater to the Agency's responsibilities.

Water Transmission:

This 5-year plan includes funding for 28 projects related to storage, pipeline, and common facilities for the water transmission system. The total projected cost for these projects is approximately \$77 million. This list of projects also includes construction projects required by the Biological Opinion. The Agency is identifying potential water supply sources and facilities to meet expected future water demands. The projects identified in this section of the plan meet the objectives in Section 1.0 (Water Supply Services) of the Agency's Strategic Plan.

Water Supply:

Russian River Projects Fund, Recycled Water Fund, and Warm Springs Dam Fund

These three funds are used: (1) to pay the costs for water supply and erosion control activities along the Russian River arising from assurances given by the Agency for the construction of the Coyote Valley Dam Project and Warm Springs Dam Project; (2) to pay the costs incurred by the Agency in securing and defending the Agency's appropriative water rights necessary for the realization of the full benefit of those projects; (3) to pay the costs incurred by the Agency in operating the Coyote Valley Dam and Warm Springs Dam Projects; (4) to pay the costs for water supply issues arising from activities of the Potter Valley Project; and (5) for fishery enhancement programs to ensure compliance with environmental regulations.

In this 5-year plan, the Russian River Projects Fund provides for continued studies of various proceedings for the Potter Valley Project. The Warm Springs Dam Fund will fund three projects as part of the implementation of the Biological Opinion. The projects identified in this section of the plan meet the objectives of Section 1.0 (Water Supply Services) and of Section 2.0 (Flood Protection Services) of the Agency's Strategic Plan.

Administration and General Funds:

These funds include the General Fund, Spring Lake Park Fund and the Sustainability-Renewable Energy Fund.

General Fund projects include the development of a water education program and public park on the newly acquired Rockpile Road property.

The Spring Lake Park Fund provides for occasional construction projects in Spring Lake Park. Spring Lake Park is a public park owned by the Agency and operated under contract by the Sonoma County Regional Parks Department.

The Sustainability- Renewable Energy Fund provides for Water Agency's renewable energy, efficiency, and sustainability efforts.

In this 5-year capital plan, there are no identified capital projects for Spring Lake Park.

Internal Service Fund:

The Internal Service Fund provides for: (1) building improvements to the Administration building, Service Center, and Operations and Maintenance building at the Agency's West College Avenue site; (2) building improvements to the Administration building at the Agency's 404 Aviation Boulevard site; (3) building improvements to the maintenance facilities located at the Airport Treatment Plant; (4) the building improvements to the Agency's 204 Concourse Blvd. site; and (5) funding of new building sites and other land purchases.

The new operations and maintenance building located at 204 Concourse Blvd. was purchased in 2008, and was remodeled to house the operations and maintenance staff. The current 5-year plan includes funding for a new building and renovating

an existing building at the Airport-Larkfield-Wikiup Waste Water Treatment Plant for the relocation of the fleet and maintenance centers. Upon completion of this project, the Agency operations and maintenance staff will vacate the 2150 West College facility.

In this 5-year plan, there are three capital projects identified for the Internal Service Fund. The projects identified in this section of the plan meet the Objectives in Section 8.0 (Business Practices and Sustainability) of the Agency's Strategic Plan.

Special Revenue Funds – Flood Control Zones:

The Special Revenue Funds described below are used to construct and improve flood control facilities and to provide program support services for the flood control zones in Sonoma County. Common types of features constructed to help alleviate flooding are channelization works, bypass conduit systems, and diversion systems. In addition, natural systems are maintained to provide flood control capacity.

Sonoma County is divided into nine major watershed areas. Flood control zones were created encompassing eight of these watersheds. Zone 1A (Laguna-Mark West), Zone 2A (Petaluma River), and Zone 3A (Valley of the Moon/Upper Sonoma Creek) have the most active flood control programs. Zone 4A (Upper Russian River) and Zone 6A (Dry Creek) are completely inactive. Zone 5A (Lower Russian River) and Zone 8A (South Coastal) are less active than Zones 1A, 2A, and 3A, with only ongoing maintenance of existing facilities being performed. Zone 7A (North Coastal) has minimal fund reserves earning interest. The ninth watershed area, covering the lower portions of Sonoma Creek and the Petaluma River, was never established as a zone.

Flood control zones were created to reduce the frequency of flooding within the zone through construction of facilities to safely handle projected storm flows. An appointed advisory committee for each active zone meets regularly to make recommendations to the Agency's Board of Directors regarding priorities for construction of drainage facilities within each zone. Each proposed project is evaluated using criteria covering historical flooding problems, areas benefited, alternative funding available, special safety and health factors, coordination with other public projects, and environmental concerns.

Flood Control Zone 1A is the watershed area that drains into and includes the Laguna de Santa Rosa and Mark West Creek.

Flood Control Zone 2A is the watershed area in Sonoma County that drains into and includes the Petaluma River, with the exception of the most southerly portion of the area, which consists primarily of reclaimed tidelands.

Flood Control Zone 3A is the watershed area in Sonoma County that drains into and includes Sonoma Creek, generally north of Highway 121.

The primary funding source for all three Zones is an ad valorem property tax. In the past, capital projects in Zone 1A and 2A were also funded by a voter-approved ten-year benefit assessment program for flood control, which ended June 30, 2007. Some additional funds are sometimes available from cities, the County, and community development sources to construct flood control projects.

In this 5-year plan, there are three projects identified for funding in Zone 1A, nine projects identified for funding in Zone 2A, four projects identified for funding in Zone 3A, and

one project identified for funding in Zone 5A. The Agency will not take the lead on all of these projects, but will provide administration services and funding for these projects through the flood control zones. Funding provided by partner entities are not included in the project costs presented in this plan. The projects identified in this section of the plan meet the Objectives of Section 2.0 (Flood Protection Services) of the Agency's Strategic Plan.

Division/Section	Funding Sources	F.Y. 2012-13	F.Y. 2013-14	F.Y. 2014-15	F.Y. 2015-16	F.Y. 2016-17	5-Year Total Funding	Total Projects
WATER TRANSMISSION FUNDS								
O&M Fund	Water Transmission	\$ 200,000	\$ 3,600,000	\$ 3,100,000	\$ 100,000	\$ -	\$ 7,000,000	\$ 7,000,000
Storage Facilities Fund	Water Transmission	\$ 740,000	\$ -	\$ -	\$ 1,500,000	\$ -	\$ 2,240,000	\$ 35,987,000
Pipeline Facilities Fund	Water Transmission	\$ 1,365,000	\$ 4,050,000	\$ 1,000,000	\$ 200,000	\$ 2,000,000	\$ 8,615,000	\$ 111,067,000
	Water Transmission, FEMA HMGP	\$ 1,094,000	\$ -	\$ -	\$ -	\$ -	\$ 1,094,000	\$ 3,240,000
Common Facilities Fund	Water Transmission	\$ 2,220,000	\$ 2,825,000	\$ 8,800,000	\$ 2,750,000	\$ 300,000	\$ 16,895,000	\$ 18,151,000
	Water Transmission, CDFG	\$ 6,308,500	\$ 209,743	\$ -	\$ -	\$ -	\$ 6,518,243	\$ 7,154,243
	Water Transmission FEMA PDM	\$ 1,091,557	\$ 9,051,752	\$ 698,381	\$ 3,950,000	\$ 300,000	\$ 15,091,690	\$ 15,671,769
Subtotal of Water Transmission Funds		\$ 13,019,057	\$ 19,736,495	\$ 13,598,381	\$ 8,500,000	\$ 2,600,000	\$ 57,453,933	\$ 198,271,012
WATER SUPPLY FUNDS								
Recycled Water	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Warm Springs Dam	Other	\$ 5,706,000	\$ 7,050,000	\$ 7,050,000	\$ 50,000	\$ 50,000	\$ 19,906,000	\$ 166,534,000
Russian River Projects	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Water Supply Funds		\$ 5,706,000	\$ 7,050,000	\$ 7,050,000	\$ 50,000	\$ 50,000	\$ 19,906,000	\$ 166,534,000
ADMINISTRATION AND GENERAL FUNDS								
General District Fund	SCWA General Fund	\$ 43,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 68,000	\$ 251,000
Sustainability-Renewable Energy	Other	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 250,000
	State, Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
Subtotal Administration And General Funds		\$ 193,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 218,000	\$ 531,000
INTERNAL SERVICES FUNDS								
Facilities Fund	Facilities Fund	\$ 3,051,000	\$ -	\$ -	\$ -	\$ -	\$ 3,051,000	\$ 3,992,000
Power Fund	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Internal Service Fund		\$ 3,051,000	\$ -	\$ -	\$ -	\$ -	\$ 3,051,000	\$ 3,992,000
SPECIAL REVENUE FUNDS-FLOOD CONTROL ZONES								
Laguna-Mark West Zone 1A	Zone 1A	\$ 460,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 530,000	\$ 1,567,000
Petaluma River Zone 2A	Zone 2A	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 250,000	\$ -	\$ 3,750,000	\$ 4,839,000
Valley of the Moon Zone 3A	Zone 3A	\$ 400,000	\$ 2,000,000	\$ 200,000	\$ -	\$ -	\$ 2,600,000	\$ 4,018,000
Lower Russian River Zone 5A	Zone 5A	\$ 250,000	\$ 1,000,000	\$ 250,000	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
Subtotal Flood Control Zones		\$ 1,610,000	\$ 3,570,000	\$ 2,950,000	\$ 250,000	\$ -	\$ 8,380,000	\$ 11,924,000
SANITATION FUNDS								
Airport/Larkfield/Wikiup Sanitation Zone Construction Fund	ALWSZ	\$ 225,000	\$ 800,000	\$ -	\$ 430,000	\$ -	\$ 1,455,000	\$ 1,602,000
Geyserville Sanitation Zone Construction Fund	GSZ	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 180,000	\$ 180,000
Occidental County Sanitation District Construction Fund	OCSD	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 80,000	\$ 278,000
	OCSD, EPA STAG Grant	\$ 500,000	\$ 942,000	\$ 2,800,000	\$ 800,000	\$ -	\$ 5,042,000	\$ 5,601,000
Penngrove Sanitation Zone Construction Fund	PSZ	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
Russian River County Sanitation District Construction Fund	RRCSD	\$ 525,000	\$ 2,825,000	\$ 500,000	\$ -	\$ 500,000	\$ 4,350,000	\$ 4,500,000
	RRCSD, SRF	\$ 127,000	\$ -	\$ -	\$ -	\$ -	\$ 127,000	\$ 4,102,000
	RRCSD, Other	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000	\$ 7,450,000	\$ 7,900,000	\$ 7,910,000
Sea Ranch Sanitation Zone Construction Fund	SRZS	\$ 10,000	\$ 20,000	\$ 30,000	\$ 30,000	\$ 55,000	\$ 145,000	\$ 145,000
Sonoma Valley County Sanitation District Construction Fund	SVCSD	\$ 6,209,900	\$ 5,240,900	\$ 5,144,200	\$ 288,000	\$ 4,440,000	\$ 21,323,000	\$ 22,930,200
	SVCSD, Bureau of Reclamation ARRA Grant	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 683,000
	SVCSD, Bureau of Reclamation (Title 16) Grant	\$ 7,035,000	\$ 225,000	\$ -	\$ -	\$ -	\$ 7,260,000	\$ 7,260,000
	SVCSD, SRF	\$ 3,036,000	\$ -	\$ -	\$ -	\$ -	\$ 3,036,000	\$ 3,642,000
South Park County Sanitation District Construction Fund	SPCSD	\$ 928,000	\$ 750,000	\$ -	\$ -	\$ 20,000	\$ 1,698,000	\$ 10,071,187
Subtotal Sanitation Funds		\$ 18,880,900	\$ 10,922,900	\$ 8,554,200	\$ 1,878,000	\$ 12,495,000	\$ 52,731,000	\$ 68,964,387
Sonoma County Water Agency Totals:		\$ 42,459,957	\$ 41,304,395	\$ 32,152,581	\$ 10,678,000	\$ 15,145,000	\$ 141,739,933	\$ 450,216,399

Water Transmission System

Changes from Prior Plans:

O&M Fund:

Three new projects were added to the F.Y. 2012-13 through F.Y. 2016-17 capital plan for Agency Fund, including Flow Monitoring, Cotati 3 Tank Recoat, and Kastania Tank Recoat.

Storage Facilities:

Three new projects were added to the F.Y. 2012-13 through F.Y. 2016-17 capital plan for Storage Facilities, including Kastania Pipeline Relocation (Caltrans), Ralphine Tanks Flow-through Conversion, and Sonoma Tanks Replacement.

Pipeline Facilities:

Five new projects were added to the F.Y. 2012-13 through F.Y. 2016-17 capital plan for Pipeline Facilities, including Santa Rosa Aqueduct at Rodgers Creek Fault, Russian River – Cotati Intertie Cathodic Protection, Santa Rosa Aqueduct Cathodic Protection, Santa Rosa Creek Crossing, and Sonoma Booster Pump Station Electrical Upgrade and Pump Redundancy.

Common Facilities:

Five new projects were added to the F.Y. 2012-13 through F.Y. 2016-17 capital plan for Common Facilities, including Collector 6 Chlorine Solution Lines, Mirabel Infiltration Ponds 2 & 3 Rehabilitation, Mirabel Surge Tanks, System-wide Meter Replacements, and the Westside Facility.

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Water Transmission System - O&M Fund

Project Description:

To prevent corrosion, recoat interior and exterior surfaces of an 18 MG water reservoir (above ground welded steel tank) and replace cathodic protection system.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	3,572	Maintenance	0
Furniture	0	Personnel	0
Design	228	Other	0
Other	0		
Proj Cost Total	3,800	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675108	0	0	0	200	3,400	200	0	0	3,800	0	3,800

Flow Monitoring

Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2010

End Date: 6/29/2011

Division or Section: Water Transmission System - O&M Fund

Project Description:

Implement measures to improve real-time flow monitoring capabilities throughout the transmission system for natural hazard reliability.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	400	Maintenance	0
Furniture	0	Personnel	0
Design	100	Other	0
Other	0		
Proj Cost Total	500	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675108	0	0	0	0	0	500	0	0	500	0	500

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: 6/29/2012

Division or Section: Water Transmission System - O&M Fund

Project Description:

To prevent corrosion, recoat interior and exterior surfaces of a 12 MG water reservoir (above ground welded steel tank) and replace cathodic protection system, including removal of coal-tar interior coating.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,484	Maintenance	0
Furniture	0	Personnel	0
Design	216	Other	0
Other	0		
Proj Cost Total	2,700	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675108	0	0	0	0	200	2,400	100	0	2,700	0	2,700

Kastania Pipeline Relocation (Caltrans)

Funded

Function Development Services

Requestor: Water Agency

Start Date 4/30/2005

End Date: 6/29/2010

Division or Section: Water Transmission System - Storage Fund

Project Description:

Relocate approximately 3000 feet of the existing Petaluma Aqueduct in the vicinity of South Petaluma Blvd. and Kastania Rd. to facilitate Caltrans construction of a new freeway interchange.



Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	300	Other	0
Other	300		
Proj Cost Total	600	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675405	0	300	0	300	0	0	0	0	300	0	600

Function Development Services

Requestor: Water Agency

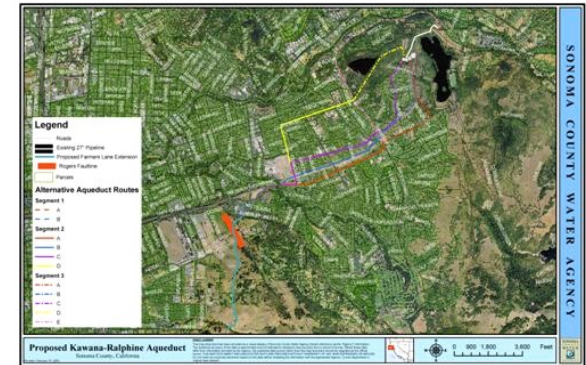
Start Date 6/30/1996

End Date: 6/29/2009

Division or Section: Water Transmission System - Storage Fund

Project Description:

The pipeline will provide redundancy and reliability to the system should repairs or replacement be necessary or if a catastrophic event occurs.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	4,427	Utilities	0
Construction	27,743	Maintenance	0
Furniture	0	Personnel	0
Design	1,627	Other	0
Other	0		
Proj Cost Total	33,797	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675405	187	285	0	350	0	0	0	0	350	32,975	33,797

Function Development Services

Requestor: Water Agency

Start Date 6/30/2011

End Date: 6/29/2012

Division or Section: Water Transmission System - Storage Fund

Project Description:

Reconfigure piping connecting the four above ground steel water reservoirs at the Ralphine Tank farm to improve water circulation/turnover and enhance water quality.



Status:

Unfunded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,350	Maintenance	0
Furniture	0	Personnel	0
Design	150	Other	0
Other	0		
Proj Cost Total	1,500	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675405	0	0	0	0	0	0	1,500	0	1,500	0	1,500

Sonoma Tanks Fence Replacement

Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Water Transmission System - Storage Fund

Project Description:

Replace the existing cyclone fencing around the Sonoma Tanks site.



Status:

Fundded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	77	Maintenance	0
Furniture	0	Personnel	0
Design	14	Other	0
Other	0		
Proj Cost Total	90	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675406	0	0	0	90	0	0	0	0	90	0	90

Function Development Services

Requestor: Water Agency

Start Date 6/30/2005

End Date: 6/29/2009

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

Upgrade the Petaluma Aqueduct cathodic protection system to an impressed current system.



Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,000	Maintenance	0
Furniture	0	Personnel	0
Design	200	Other	0
Other	0		
Proj Cost Total	1,200	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	246	200	489	265	0	0	0	0	265	0	1,200

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: 6/29/2012

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

Upgrade the Russian River - Cotati Intertie cathodic protection system to an impressed current system.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,000	Maintenance	0
Furniture	0	Personnel	0
Design	200	Other	0
Other	0		
Proj Cost Total	1,200	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	0	0	0	0	200	800	200	0	1,200	0	1,200

Function Development Services

Requestor: Water Agency

Start Date 1/31/2005

End Date: 12/31/2008

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

Project will secure the Santa Rosa Aqueduct near the Rodgers Creek Fault in Sonoma Avenue against fault rupture during an earthquake and provide safe, reliable water supply.



Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	33	Utilities	0
Construction	2,670	Maintenance	0
Furniture	0	Personnel	0
Design	537	Other	0
Other	0		
Proj Cost Total	3,240	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, FEMA HMGP	675413	250	295	1,601	1,094	0	0	0	0	1,094	0	3,240

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2010

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

Upgrade the Santa Rosa Aqueduct cathodic protection system to an impressed current system.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,000	Maintenance	0
Furniture	0	Personnel	0
Design	197	Other	0
Other	0		
Proj Cost Total	1,197	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	0	0	197	800	200	0	0	0	1,000	0	1,197

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

Upgrade the reliability of the existing Sonoma Booster Pump Station to add standby pumping capacity, modify transformer and electrical system to receive high voltage transmission power, and upgrade standby power facilities.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	3,200	Maintenance	0
Furniture	0	Personnel	0
Design	800	Other	0
Other	0		
Proj Cost Total	4,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	0	0	0	300	3,500	200	0	0	4,000	0	4,000

Function Development Services

Requestor: Water Agency

Start Date 6/30/2012

End Date: 6/29/2013

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

To enhance reliability of the water transmission system following a major earthquake, modify or construct a new crossing of the water transmission pipeline at the location where the existing 36-inch diameter concrete cylinder pipe (Santa Rosa Aqueduct) crosses Santa Rosa Creek in downtown Santa Rosa.



Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,700	Maintenance	0
Furniture	0	Personnel	0
Design	300	Other	0
Other	0		
Proj Cost Total	2,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	0	0	0	0	0	0	0	2,000	2,000	0	2,000

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: tbd

Division or Section: Water Transmission System - Pipeline Fund

Project Description:

To enhance reliability of the water transmission system, construct a new pipeline that hydraulically parallels the existing, and aging, Santa Rosa Aqueduct from the water diversion facilities at the Russian River (near Forestville) to downtown Santa Rosa.



Status:

Feasibility

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	500	Utilities	0
Construction	90,416	Maintenance	0
Furniture	0	Personnel	0
Design	10,554	Other	0
Other	0		
Proj Cost Total	101,470	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675413	0	0	320	0	150	0	0	0	150	101,000	101,470

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Replace and upgrade air valves throughout the Water Transmission System to meet current standards.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	750	Maintenance	0
Furniture	0	Personnel	0
Design	250	Other	0
Other	0		
Proj Cost Total	1,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	0	0	175	750	75	0	0	1,000	0	1,000

Function Development Services

Requestor: Water Agency

Start Date 6/30/2007

End Date: 6/29/2013

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

The project will address potential for structural failure by mitigating the potential for liquefaction induced lateral spread by regrading in the vicinity of the caisson, a buried wall, Deep Mixing Methods or through a combination of approaches.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	4,971	Maintenance	0
Furniture	0	Personnel	0
Design	1,430	Other	0
Other	0		
Proj Cost Total	6,401	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	288	43	0	220	1,100	4,275	300	175	6,070	0	6,401

Collector 6 Chlorine Solution Lines

Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Replace the existing chlorine solution pipelines between the Wohler plant and Collector 6 with a pipe material more resistant against corrosive degradation.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	425	Maintenance	0
Furniture	0	Personnel	0
Design	75	Other	0
Other	0		
Proj Cost Total	500	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	0	0	25	75	400	0	0	500	0	500

Function Development Services

Requestor: Water Agency

Start Date 6/30/2007

End Date: 6/29/2013

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

The project will address potential for structural failure by mitigating the potential for liquefaction induced lateral spread by regrading in the vicinity of the caisson, a buried wall, Deep Mixing Methods or through a combination of approaches.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,250	Maintenance	0
Furniture	0	Personnel	0
Design	750	Other	0
Other	0		
Proj Cost Total	3,000	O/M Total	0

Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	125	0	0	250	250	2,250	125	2,875	0	3,000

Forestville Storage Tank

Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2006

End Date: 6/29/2009

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Funding agreement with Forestville Water District to construct new 200,000 gallon above-ground steel storage reservoir.



Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	700	Maintenance	0
Furniture	0	Personnel	0
Design	100	Other	0
Other	0		
Proj Cost Total	800	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	110	10	680	0	0	0	0	0	0	0	800

Function Development Services

Requestor: Water Agency

Start Date 12/31/2007

End Date: 6/29/2009

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Construct a multi-purpose building facility adjacent the Russian River, at Westside Road and the Wohler Bridge, to including public education, fisheries, and public restroom facilities.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	800	Maintenance	0
Furniture	50	Personnel	0
Design	350	Other	0
Other	0		
Proj Cost Total	1,200	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	0	0	1,200	0	0	0	0	1,200	0	1,200

Function Development Services

Requestor: Water Agency

Start Date 3/31/2009

End Date: 11/30/2009

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

The project will alleviate maintenance tasks and facilitate repairs in the event of a rupture.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	93	Utilities	0
Construction	2,280	Maintenance	0
Furniture	0	Personnel	0
Design	246	Other	0
Other	0		
Proj Cost Total	2,619	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, FEMA PDM	675421	15	80	111	133	2,120	160	0	0	2,413	0	2,619

Function Development Services

Requestor: Water Agency

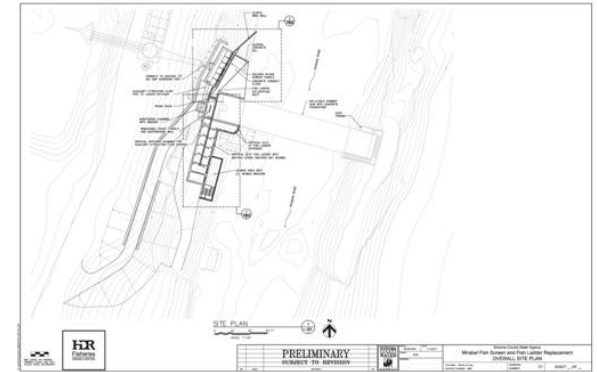
Start Date 3/31/2009

End Date: 9/30/2009

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Replacement of the Fish Screen is one of the "Reasonable and Prudent Measures" of the BO that will modify operations in the Russian River watershed. The BO requires SCWA to consult with NMFS fish passage engineers and CDFG engineers to ensure the design meets NMFS and CDFG specifications for avoiding impingement or stranding of listed salmonids. Install a new fish ladder that provides attractive flow to fish, eliminating delays in fish passage due to unattractive flow conditions over the Mirabel Inflatable Dam and eliminating the need to alter dam inflation to accommodate fish passage.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	6,160	Maintenance	0
Furniture	0	Personnel	0
Design	994	Other	0
Other	0		
Proj Cost Total	7,154	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, CDFG	675421	436	200	0	6,309	210	0	0	0	6,518	0	7,154

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2012

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

To reduce the risks of pipeline ruptures/leaks due to transient pressures in the water transmission system following power failures, construct surge control system at the Mirabel production facilities, including three 8,000 gallon surge tanks and appurtenant equipment and controls.

Status:

Requested

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,550	Maintenance	0
Furniture	0	Personnel	0
Design	450	Other	0
Other	0		
Proj Cost Total	3,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	0	0	200	200	2,400	200	0	3,000	0	3,000

Function Development Services

Requestor: Water Agency

Start Date 3/31/2011

End Date: 5/31/2014

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

The project will address potential for structural failure by mitigating the potential for liquefaction induced lateral spread by regrading in the vicinity of the caisson, a buried wall, Deep Mixing Methods or through a combination of approaches.

Status:

Requested / Concept

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	3,910	Maintenance	0
Furniture	0	Personnel	0
Design	1,090	Other	0
Other	0		
Proj Cost Total	5,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, FEMA PDM	675421	0	150	0	0	200	400	3,950	300	4,850	0	5,000

Function Development Services

Requestor: Water Agency

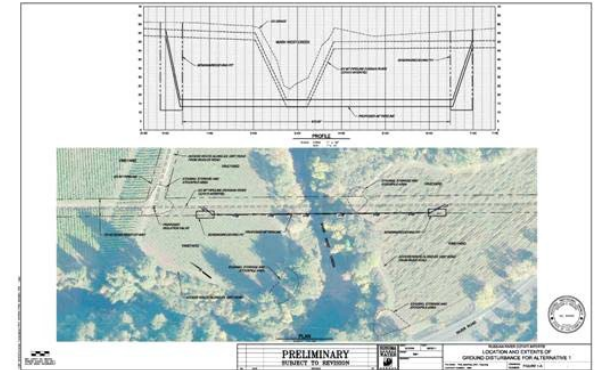
Start Date 3/31/2009

End Date: 8/31/2011

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Project will mitigate pipe failure due to liquefaction induced lateral spread by installing a new crossing below liquefiable soil layers.



Status:

In Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	75	Utilities	0
Construction	3,300	Maintenance	0
Furniture	0	Personnel	0
Design	406	Other	0
Other	264		
Proj Cost Total	4,045	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, FEMA PDM	675421	0	10	0	554	3,444	38	0	0	4,036	0	4,046

Function Development Services

Requestor: Water Agency

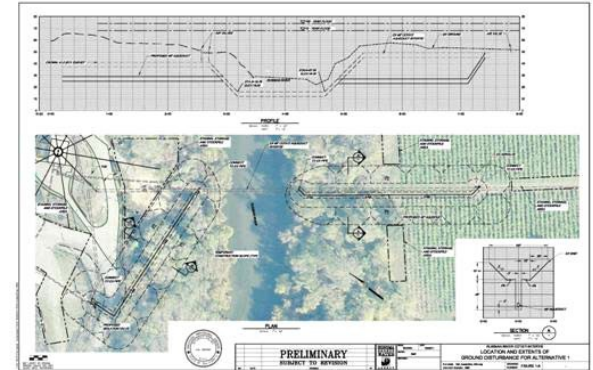
Start Date 3/31/2009

End Date: 8/31/2011

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

Project will mitigate pipe failure due to liquefaction induced lateral spread by lowering at-risk portions of the pipe below liquefiable soil layers.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	43	Utilities	0
Construction	3,375	Maintenance	0
Furniture	0	Personnel	0
Design	589	Other	0
Other	0		
Proj Cost Total	4,007	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission, FEMA PDM	675421	114	100	0	405	3,288	100	0	0	3,793	0	4,007

System-wide Meter Replacements

Partially Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Water Transmission System - Common Facilities Fund

Project Description:

To comply with regulations limiting material constituents contained within infrastructure that is in direct contact with drinking water, replace 150-175 flow meters throughout the water transmission system.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,188	Maintenance	0
Furniture	0	Personnel	0
Design	63	Other	0
Other	0		
Proj Cost Total	1,250	O/M Total	0

Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Water Transmission	675421	0	0	0	400	450	400	0	0	1,250	0	1,250

Water Supply

Changes from prior plans:

The current plan includes projects related to the implementation of the Biological Opinion.

Function Development Services

Requestor: Water Agency

Start Date 12/31/2005

End Date: 12/29/2009

Division or Section: Water Supply - Warm Springs Dam

Project Description:

As identified in the Russian River Biological Opinion (NMFS, 2008), the Dry Creek Habitat Enhancement Project - MILE 1 (Project) is the first phase (approximately 1 mile) of a 6 mile enhancement project within the main stem of Dry Creek. The Project site is within the Dry Creek channel and on private properties in an unincorporated area of Sonoma County, California. The project site is located in and along Dry Creek from approximately ½ mile upstream of Lambert Bridge to ½ mile downstream of Lambert Bridge. The objective of the Project is to increase the amount of high quality rearing habitat for juvenile coho and steelhead by implementing enhancement practices that emulate natural geomorphic effects. The primary enhancement approaches planned for the Project include the following: Backwater Channels & Ponds; Constructed Riffles; Pool Enhancement; Winter Refuge Enhancement; Log Jams and Large Woody Debris Placement; Boulder Clusters; and Streambank Stabilization, Repair and Construction. The project will require significant dewatering and water diversion, earthwork, shoring, fish screening and relocation, and will likely have permit constraints that will limit work in the stream to a window of time between June 15th and October 15th. Access, staging, right-of-way and strict adherence to permit compliance will need to be considered for construction.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	500	Utilities	0
Construction	7,300	Maintenance	0
Furniture	0	Personnel	0
Design	850	Other	0
Other	0		
Proj Cost Total	8,650	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	673806	650	4,000	0	4,000	0	0	0	0	4,000	0	8,650

Function Development Services

Requestor: Water Agency

Start Date 6/30/2006

End Date: 12/29/2008

Division or Section: Water Supply - Warm Springs Dam

Project Description:

A fish passage enhancement project along Wallace Creek in the Dry Creek Valley to comply with requirements of NMFS' Biological Opinion.



Status:

Design

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	5	Utilities	0
Construction	250	Maintenance	0
Furniture	0	Personnel	0
Design	49	Other	0
Other	0		
Proj Cost Total	304	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	673806	0	48	0	256	0	0	0	0	256	0	304

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 12/29/2010

Division or Section: Water Supply - Warm Springs Dam

Project Description:

As identified in the Russian River Biological Opinion (NMFS, 2008), the Dry Creek Habitat Enhancement Project - MILES 2&3 (Project) is the second phase of a 6 mile enhancement project within the main stem of Dry Creek. The Project site is within the Dry Creek channel and on private properties in an unincorporated area of Sonoma County, California. The objective of the Project is to increase the amount of high quality rearing habitat for juvenile coho and steelhead by implementing enhancement practices that emulate natural geomorphic effects. The primary enhancement approaches planned for the Project include, but are not limited to the following: Backwater Channels & Ponds; Constructed Riffles; Pool Enhancement; Winter Refuge Enhancement; Log Jams and Large Woody Debris Placement; Boulder Clusters; and Streambank Stabilization, Repair and Construction. The project will require significant dewatering and water diversion, earthwork, shoring, fish screening and relocation, and will likely have permit constraints that will limit work in the stream to a window of time between June 15th and October 15th. Access, staging, right-of-way and strict adherence to permit compliance will need to be considered for construction.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	850	Utilities	0
Construction	13,400	Maintenance	0
Furniture	0	Personnel	0
Design	1,150	Other	0
Other	0		
Proj Cost Total	15,400	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	673806	0	0	0	1,400	7,000	7,000	0	0	15,400	0	15,400

Function Development Services

Requestor: Water Agency

Start Date 6/30/2005

End Date: 6/29/2019

Division or Section: Water Supply - Warm Springs Dam

Project Description:

An alternative pipeline project to comply with NMFS' Biological Opinion by diverting water supply flows outside of the Dry Creek channel. The potential project is preliminarily identified to include approximately 14 miles of pipeline - up to 72 inches in diameter - generally along Dry Creek Road, from Lake Sonoma to the Russian River.



Status:

Unfunded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	1,300	Utilities	0
Construction	121,000	Maintenance	0
Furniture	0	Personnel	0
Design	11,000	Other	0
Other	8,880		
Proj Cost Total	142,180	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	673806	880	50	0	50	50	50	50	50	250	141,000	142,180

Administration and General

Changes from prior plans:

Four new projects were added to the list of capital projects for the Administration and General Funds in the F.Y. 2012-13 through F.Y. 2016-17 capital plan, including Biomass Conversion, Geothermal Low Temperature Energy, RESCO Wind Turbine projects, as well as a composting toilet demonstration project.

Composting Toilets Pilot Study

Funded

Function Development Services

Requestor: Water Agency

Start Date 2010

End Date: 2012

Division or Section: Administration & General Fund

Project Description:

Pilot project to test the ability of composting toilets to handle human waste in a safe and effective manner.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	50	Maintenance	0
Furniture	0	Personnel	0
Design	0	Other	0
Other	201		
Proj Cost Total	251	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SCWA General Fund	672105	75	108	0	43	25	0	0	0	68	0	251

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2038

Division or Section: Administration & General Fund

Project Description:

Investigate conversion of locally available biomass conversion into energy.



Status:

Planning

Net Impact on Operating Budget:

None

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	100	Other	0
Other	0		
Proj Cost Total	100	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other		0	50	0	50	0	0	0	0	50	0	100

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2062

Division or Section: Administration & General Fund

Project Description:

Investigate development of geothermal resources into energy.



Status:

Planning

Net Impact on Operating Budget:

None

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	150	Other	0
Other	0		
Proj Cost Total	150	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other		0	50	0	100	0	0	0	0	100	0	150

Function Development Services

Requestor: Water Agency

Start Date 2009

End Date: 2038

Division or Section: Administration & General Fund

Project Description:

Construct 5 kW wind turbine at Geyserville wastewater treatment plant.



Status:

Designed

Net Impact on Operating Budget:

Supplements Geyserville wwtp power costs

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	30	Maintenance	0
Furniture	0	Personnel	0
Design	0	Other	0
Other	0		
Proj Cost Total	30	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
State and Other		0	30	0	0	0	0	0	0	0	0	30

Internal Service

Changes from prior plans:

Two new projects, the Chlorine Gas Scrubber (Service Center), and a new service center to house fleet operations were added to the list of capital projects for the Internal Service Fund in the F.Y. 2012-13 through F.Y. 2016-17 capital plan.

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2014

Division or Section: Internal Services Fund

Project Description:

Construct a Chlorine gas scrubber in association with the new Service Center, at the ALWSZ water treatment plant.



Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	270	Maintenance	0
Furniture	0	Personnel	0
Design	80	Other	0
Other	0		
Proj Cost Total	350	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Facilities Fund	687202	0	0	0	350	0	0	0	0	350	0	350

Function Development Services

Requestor: Water Agency

Start Date 2009

End Date: 2012

Division or Section: Internal Services Fund

Project Description:

Construct a Service Center to house Agency Fleet operations and sanitation and flood maintenance personnel.

Status:

Construction

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,959	Maintenance	0
Furniture	20	Personnel	0
Design	663	Other	0
Other	0		
Proj Cost Total	3,642	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Facilities Fund	687202	550	391	0	2,701	0	0	0	0	2,701	0	3,642

Flood Control Zones

Changes from Prior Plans:

Zone 1A (Laguna-Mark-West Creek)

One new project, the Santa Rosa Fish Ladder Repair, was added to the capital plan for Zone 1A for F.Y. 2012-13 through F.Y. 2016-17.

Zone 2A (Petaluma)

No new projects were added to the list of capital projects for Zone 2A in the F.Y. 2012-13 through F.Y. 2016-17 capital plan. Eight projects with funding that will carry over from prior fiscal years were added, including the Denman Reach Flood Terrace, Corona Road Denman Reach Floodwall, Adobe Creek Sedimentation Basin Feasibility Study, Capri Creek Flood Capacity and Habitat Restoration Pre-Design, Petaluma River Corona Reach Overflow Channel Feasibility Study, Kelly Creek at Sunnyslope Avenue Pre-design, Lynch Creek Check Structure Reconstruction, and Washington Creek Repair and Enhancement.

Zone 3A (Valley of the Moon)

No new projects were added to the list of capital projects for Zone 3A in the F.Y. 2012-13 through F.Y. 2016-17 capital plan.

Zone 5A (Lower Russian River)

One new project, Fife Creek Flood Reduction, was added to the list of capital projects for Zone 5A in the F.Y. 2012-13 through F.Y. 2016-17 capital plan.

Function Development Services

Requestor: Water Agency

Start Date 6/30/2000

End Date: 6/29/2009

Division or Section: Zone 1A Flood Control

Project Description:

Implement flood control measures to reduce flooding along Brush Creek Tributary 42A, upstream of Middle Rincon Road.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	95	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	322	Other	0
Other	0		
Proj Cost Total	417	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 1A	673202	322	15	80	0	0	0	0	0	0	0	417

Function Development Services

Requestor: Water Agency

Start Date 6/30/2007

End Date: 6/29/2010

Division or Section: Zone 1A Flood Control

Project Description:

An integrated multi-benefit flood control & groundwater recharge project, including construction of detention-recharge basins adjacent Copeland Creek, upstream of Petaluma Hill Road, and habitat restoration downstream to Hwy 101.



Status:

Feasibility

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	720	Other	0
Other	0		
Proj Cost Total	720	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 1A	673202	0	20	400	230	70	0	0	0	300	0	720

Function Development Services

Requestor: Water Agency

Start Date 6/30/2006

End Date: 6/29/2009

Division or Section: Zone 1A Flood Control

Project Description:

Repair and upgrade inlet structure to the Santa Rosa Creek fish ladder.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	300	Maintenance	0
Furniture	0	Personnel	0
Design	130	Other	0
Other	0		
Proj Cost Total	430	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 1A	673202	0	65	135	230	0	0	0	0	230	0	430

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding agreement with City of Petaluma to evaluate the cost/benefit feasibility to design and construct a sediment basin just beyond the east edge of the City where Adobe Creek crosses under Casa Grande Road.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	87	Other	0
Other	0		
Proj Cost Total	87	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	87	0	0	0	0	0	0	0	87

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to conduct pre-design activities for a multi-benefit flood reduction and habitat enhancement project in the Capri Creek sub-basin of the Petaluma watershed.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	66	Other	0
Other	0		
Proj Cost Total	66	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	66	0	0	0	0	0	0	0	66

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to construct new, or modify existing, floodwall along Denman Reach of Petaluma River to reduce flooding.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	15	Utilities	0
Construction	69	Maintenance	0
Furniture	0	Personnel	0
Design	73	Other	0
Other	0		
Proj Cost Total	156	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	5	0	151	0	0	0	0	0	0	0	156

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to implement a floodplain modification project to reduce flooding along the Petaluma River.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	15	Utilities	0
Construction	288	Maintenance	0
Furniture	0	Personnel	0
Design	91	Other	0
Other	0		
Proj Cost Total	393	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	8	0	385	0	0	0	0	0	0	0	393

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to reduce localized flooding adversely affecting residential properties and structures adjacent to Kelly Creek downstream of Sunnyslope Avenue by reconnecting the natural, open stream portion of Kelly Creek flows and diverting the piped, collection system to an appropriate cleaning facility; Improve water quality in the open channel of Kelly Creek by reconnecting the upstream flows from the open channel of Kelly Creek and diverting the contained culvert to the existing culverted system.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	62	Other	0
Other	0		
Proj Cost Total	62	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	62	0	0	0	0	0	0	0	62

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to re-construct a failing check structure in Lynch Creek to prevent headcut, sediment movement and deposition as well as protecting upstream structures.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	13	Maintenance	0
Furniture	0	Personnel	0
Design	10	Other	0
Other	0		
Proj Cost Total	23	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	23	0	0	0	0	0	0	0	23

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to conduct cost/benefit feasibility analysis and model run; and if appropriate design, and construction of a linear detention channel along the west side of Highway 101 from Corona Road overpass south along the old railroad right-of-way; and modification of Capri Creek confluence with Petaluma River to reduce flow obstruction.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	122	Other	0
Other	0		
Proj Cost Total	122	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	122	0	0	0	0	0	0	0	122

Washington Creek Repair & Enhancement

Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Zone 2A Flood Control

Project Description:

Funding Agreement with City of Petaluma to implement structural repairs and cross-sectional modifications to the Washington Creek corridor to conserve, and where possible, increase flow capacity.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	129	Maintenance	0
Furniture	0	Personnel	0
Design	51	Other	0
Other	0		
Proj Cost Total	180	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	180	0	0	0	0	0	0	0	180

Function Development Services

Requestor: Water Agency

Start Date 6/30/2003

End Date: 6/29/2012

Division or Section: Zone 2A Flood Control

Project Description:

An integrated, multi-benefit project to provide flood hazard reduction and groundwater recharge within the Petaluma River Watershed. Additional objectives may include water quality, water supply, ecosystem enhancement, system sustainability, agricultural, open space, and other community benefits, such as recreational, public access, or educational benefits.



Status:

Feasibility

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,750	Maintenance	0
Furniture	0	Personnel	0
Design	500	Other	0
Other	500		
Proj Cost Total	3,750	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 2A	673301	0	0	0	500	500	2,500	250	0	3,750	0	3,750

Function Development Services

Requestor: Water Agency

Start Date 12/31/2007

End Date: 6/29/2009

Division or Section: Zone 3A Flood Control

Project Description:

Funding agreement with the City of Sonoma/Community Center for demonstration of rain water harvesting system.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	15	Maintenance	0
Furniture	0	Personnel	0
Design	8	Other	0
Other	0		
Proj Cost Total	23	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 3A	673400	0	5	18	0	0	0	0	0	0	0	23

Function Development Services

Requestor: Water Agency

Start Date 12/31/2007

End Date: 6/29/2009

Division or Section: Zone 3A Flood Control

Project Description:

Funding agreement with the City of Sonoma for low impact design demonstration site.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	90	Maintenance	0
Furniture	0	Personnel	0
Design	28	Other	0
Other	0		
Proj Cost Total	118	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 3A	673400	0	15	104	0	0	0	0	0	0	0	118

Function Development Services

Requestor: Water Agency

Start Date 6/30/2005

End Date: 6/29/2011

Division or Section: Zone 3A Flood Control

Project Description:

An integrated, multi-benefit project to provide flood hazard reduction and groundwater recharge within the Sonoma Creek Watershed. Additional objectives may include water quality, water supply, ecosystem enhancement, system sustainability, agricultural, open space, and other community benefits, such as recreational, public access, or educational benefits.



Status:

Feasibility

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,167	Maintenance	0
Furniture	0	Personnel	0
Design	1,000	Other	0
Other	0		
Proj Cost Total	3,167	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 3A	673400	317	50	200	400	2,000	200	0	0	2,600	0	3,167

Function Development Services

Requestor: Water Agency

Start Date 6/30/2004

End Date: 6/29/2013

Division or Section: Zone 3A Flood Control

Project Description:

Funding agreement with Sonoma Ecology Center for an integrated multi-benefit demonstration project to address flooding zone on Sonoma Creek from the Hwy 12 bridge in Kenwood to 0.5 miles downstream and the larger study area consisting of the entire contributing area (Adobe Canyon's alluvial fan). This project will provide a demonstration for future integrated water management projects regarding the integration of flood and recharge protection. It helps to fulfill the objectives of the Water Board's Sonoma Creek and Tributaries Sediment TMDL, the Sonoma Valley Groundwater Management Plan, and the Sonoma Creek Watershed Enhancement Plan.

Status:

Feasibility

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	20	Maintenance	0
Furniture	0	Personnel	0
Design	690	Other	0
Other	0		
Proj Cost Total	710	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Zone 3A	673400	288	12	410	0	0	0	0	0	0	0	710

Fife Creek Flood Reduction

Partially Funded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2011

Division or Section: Zone 5A Flood Control

Project Description:

Construct capital improvements and/or stream maintenance/modifications to reduce flooding along Fife Creek.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	150	Utilities	0
Construction	1,050	Maintenance	0
Furniture	0	Personnel	0
Design	300	Other	0
Other	0		
Proj Cost Total	1,500	O/M Total	0

Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	673509	0	0	0	250	1,000	250	0	0	1,500	0	1,500

Sanitation Districts/Zones

Airport-Larkfield-Wikiup Sanitation Zone:

The Airport-Larkfield-Wikiup Sanitation Zone (Airport S.Z.) treatment facility was originally designed as a zero discharge facility with the ability to treat wastewater to secondary wastewater treatment standards. The treatment facility was initially constructed in 1983 and has been expanded twice since then (1989 and 1997). Tertiary filters were installed at the treatment facility in 2005 allowing expanded use of the recycled water produced by the Airport Sanitation Zone. The treatment facility currently has a capacity of 0.9 million gallons per day (“m.g.d.”).

Funding is being allocated in F.Y. 2012-13 through F.Y. 2016-17 to, make improvements to the plant wastewater treatment process, the filtration system, future maintenance to remove and dispose of sludge, and to relocate a portion of the collection system trunk main to accommodate new freeway construction at the Airport Boulevard Interchange. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency’s Strategic Plan.

Geyserville Sanitation Zone:

The Geyserville Sanitation Zone (Geyserville S.Z.) treatment facility became operational in 1981 and is designed to treat an average dry weather flow of up to 92,000 gallons per day. Based on the 1996 Report of Waste Discharge prepared for the Geyserville S.Z., current and future treatment facility inflows are expected to remain less than the treatment and disposal capacity of the Geyserville S.Z. facilities. Accordingly, an

annual maintenance budget has been included, but there are no expansions to the treatment and disposal facilities planned at this time. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency’s Strategic Plan.

Occidental County Sanitation District:

The Occidental County Sanitation District (OCSD) treatment plant first became operational in 1950 and was upgraded in 1970 and 1975. The plant is designed to treat an average daily dry weather flow of up to 50,000 gallons per day to secondary treatment standards. Each year, between October 1 and May 14, treated wastewater from the OCSD. is discharged into Dutch Bill Creek under a permit from the North Coast Regional Water Quality Control Board (NCRWCB). During the balance of the year, treated wastewater is used for irrigation.

The OCSD is facing very serious financial and operational difficulties. Operating revenues are not sufficient to fund ongoing operations, maintenance and administrative activities; regardless, the OCSD is under orders from the NCRWCB to upgrade its treatment process. Without near term improvement of the facilities and treatment processes, the OCSD’s ability to comply with the conditions of its operating permit remains in doubt.

During F.Y. 1997-98, the OCSD was faced with a Civil Lawsuit under the Clean Water Act and an Administrative Civil Liability (Order No. 97-75) was officially adopted by the NCRWQCB in August of 1997 as a result of violations. Increased requirements for sampling and chemical usage have impacted the OCSD’s operational expenses.

- In addition to the requirements specified above, Cease and Desist Order 97-74 and Time Schedule Order 97-75 required OCSD and the Water Agency to address violations at the treatment facility. In response to these orders, the OCSD has itself or in cooperation with the Camp Meeker Recreation and Parks District prepared several Environmental Impact Reports (E.I.R.) for projects that would address the NCRWQCB's orders. Such alternatives evaluated have included a standalone treatment plant that would serve the District and Camp Meeker, a leach field disposal project and construction of a pipeline to the Russian River CSD treatment plant. Because of funding and technical constraints, such a project has not been implemented.

The above NCRWQCB orders have been modified several times over the past 10 years in order for the District to pursue these various long-term solutions to its wastewater treatment needs. An interim project (an upgrade to the collection system) was completed in December 2007. The strategy to meet the needs of the District and the regulatory requirements has been determined to be to take the treatment to a zero-discharge status. This will involve several discreet projects to provide storage and irrigation of treated wastewater. The ability to increase rates in this district is limited, and funding for the above projects will be financed mostly through outside funding. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency's Strategic Plan.

Penngrove Sanitation Zone:

Agency operations in the Penngrove Sanitation Zone (PSZ) are limited to administrative services and operation/maintenance of the collection system and pumping station. The wastewater collected by the PSZ collection system flows through the City of Petaluma's collection system to the City of Petaluma's

wastewater treatment facility. Where it is treated to meet tertiary standards.

The City of Petaluma's new water recycling facility has been completed and is expected to cause a significant increase in the annual service charge over the next five years. These rate increases, when implemented by the City of Petaluma, will be passed on to the PSZ customers.

There are two projects related to pumping upgrades at the lift station included in the capital plan.

Russian River County Sanitation District:

The Russian River County Sanitation District (RRCSD) treatment plant was completed in September of 1980 and began operating in 1982. The RRCSD treatment plant is designed to treat an average dry weather flow (ADWF) of up to 0.71 mgd to advanced (tertiary) wastewater treatment standards.

The RRCSD has an easement on approximately 77 acres of forest area adjacent to the treatment plant (referred to as the Burch property). 17 acres of the easement are best suited for irrigation purposes and are currently used for spray irrigation. In addition, approximately 43 acres of turf at the Northwood Golf Course is irrigated with tertiary treated wastewater. Expansion of the dry weather disposal area is necessary in order to ensure adequate disposal of dry weather inflow.

The treatment plant has historically experienced operational difficulties associated with major flooding on the Russian River. Soon after the Water Agency assumed operations of the facility in 1996, engineering and environmental documentation began to address operational problems associated with Russian River flood events, the irrigation system, and obsolete equipment at the RRCSD treatment plant.

The NCRWQCB adopted a series of enforcement orders for the RRCSD in response to violations associated with flood events. In response, the RRCSD began implementation of a series of short- and long-term projects aimed at bringing the facility into compliance. The facility was brought into compliance with the completion of the Third Unit Process project in early 2005. This project, along with modifications to the lift station operations during flooding events in the Guerneville area, allows the treatment plant to pass all influent through the full treatment process. This was not possible during flood events prior to completion of the Third Unit Process Project.

The capital plan for the RRCSD includes the following: (1) treatment process upgrades for disinfection and for removal of nutrients; (2) Capital Replacement of the Main Sewer Trunk; (3) disposal and irrigation of wastewater; and (4) Lift station upgrades. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency's Strategic Plan.

Sea Ranch Sanitation Zone:

The Sea Ranch Sanitation Zone (SRSZ) consists of two wastewater collection and treatment systems located in Central and North Sea Ranch. The Central and North treatment facilities both provide treatment to secondary wastewater treatment standards. Their collection and disposal systems operate independently and are isolated from each other. The Central and North treatment facilities are designed to treat average daily dry weather flows of up to 27,000 and 160,000 gallons per day, respectively. Treated wastewater from the Central treatment facility is disposed of through irrigation on land that is adjacent to the treatment facility. The North treatment facility treated wastewater is pumped to the Gualala Community Services District's (GCSD) wastewater treatment facility for additional treatment to tertiary standards. The

combined effluent of North and GCSD's treatment facility is disposed of through irrigation on the Sea Ranch Golf Links. The Sea Ranch Water Company is under contract to operate and maintain the SRSZ facilities for the Water Agency.

The Agency and the Sea Ranch Association, owner of the Sea Ranch Water Company, continue to investigate options for the continued operation of the SRSZ. Options being considered include executing an agreement between the Agency and the Sea Ranch Association for the continued operation of the sewer facilities and the transfer of all assets, liabilities, and management responsibilities to the Association.

Sonoma Valley County Sanitation District:

The Sonoma Valley County Sanitation District (SVCSD) provides sewage collection, tertiary level treatment of wastewater, and disposal service for the Sonoma Valley area. Wastewater is collected by a gravity system and flows to the SVCSD wastewater treatment facility for processing. Recycled water is used to irrigate local crops during the summer. During the winter, treated wastewater is discharged to San Pablo Bay via Schell Slough and Hudeman Slough. The SVCSD treatment facility is designed to treat an average daily dry weather flow of up to 3.0 million gallons per day. In April 2002, the SVCSD completed a wet weather overflow prevention study (a study that complied with a San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) issuance of a Notice of Violation for sewer system overflows in April of 1999). This study identified areas within the SVCSD collection system where repair and/or replacement projects were most needed. The study identified \$45 million dollars worth of trunk main and collection system projects. The

SVCS D has implemented a capital replacement program with the long-term intent of replacing these pipeline sections.

The SVCS D has completed a substantial number of repairs and improvements in the last five fiscal years, and has plans to complete a number of significant projects in the next five years to address remaining deficiencies. In the next five years, the following capital projects are programmed: recycled water pipelines and services, including the North Bay Water Reuse Project to install a recycled water pipeline extending to the Napa Salt Marsh; main sewer trunk and collection system repairs and replacements; and upgrades at the wastewater treatment plant to construct a bio-solids handling facility, re-line the equalization basins, coat the chlorine contact basin, and design effluent pumping upgrades. The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency's Strategic Plan.

South Park County Sanitation District:

The South Park County Sanitation District ("S.P.C.S.D.") provides service to the South Park area using a gravity collection system that discharges to the City of Santa Rosa's collection system. Wastewater from S.P.C.S.D. is treated and disposed of by the City of Santa Rosa at the Laguna Sub-regional Treatment Plant on Llano Road. In July of 1996, the City of Santa Rosa accepted responsibility for the operation and routine maintenance of the collection system.

An agreement for transfer of responsibility to the City of Santa Rosa of collection system operation and maintenance, and subsequent dissolution of the S.P.C.S.D., was finalized on February of 1996 and most recently amended in 2011. Under this agreement the S.P.C.S.D. will be dissolved and transferred to the City of Santa Rosa. Negotiations are underway to extend this agreement. The current agreement also requires the S.P.C.S.D. to replace, slip-line, or repair 41,610 feet of the collection system and upgrade the Todd Road lift station before transfer of the SPCSD to the City of Santa Rosa.

S.P.C.S.D. is presently replacing or planning to replace four sections of the collection system between F.Y. 2012-13 through F.Y. 2016-17. Projects identified may include: East Robles and West Robles Avenues, Meekland Ct./Gloria Dr., and the Blackwell Tract. The collection system projects identified above, along with previously completed projects will fulfill South Park C.S.D.'s responsibilities as required in the dissolution agreement with the City of Santa Rosa.

On December 22, 1998, the North County Regional Water Quality Control Board, ("N.C.R.W.Q.C.B.") released a draft Cleanup and Abatement Order (C.A.O.) for halogenated volatile organic compounds (H.V.O.C.s) found in soil and groundwater in the vicinity of Sebastopol Road and West

Avenue in the S.P.C.S.D. service area. The draft C.A.O. specified that H.V.O.C.s found in the soil and groundwater are the result of a release from the S.P.C.S.D. collection system. Potential costs for investigation, remediation, and legal work related to H.V.O.C.s in soil and groundwater are substantial (\$2-10 million) and have not been included in this capital plan. Rather than finalize the draft C.A.O., the S.P.C.S.D., County of Sonoma, and the N.C.R.W.Q.C.B. entered into a cooperative agreement in July of 1999 referred to as the “Plan of Action for H.V.O.C. Investigation and Mitigation in the Roseland Area” (Plan of Action). As part of the Plan of Action, S.P.C.S.D. has performed an investigation of the extent of H.V.O.C.s in groundwater in the vicinity of West Avenue and Sebastopol

Road. A final report summarizing the results of this investigation was submitted to the N.C.R.W.Q.C.B. in February of 2002. The S.P.C.S.D. and the County of Sonoma are currently working with the N.C.R.W.Q.C.B. to coordinate groundwater studies by other parties for related groundwater contamination issues in the Roseland area. Upon completion of these studies, it is anticipated that remediation strategies will be developed by the S.P.C.S.D., County of Sonoma, N.C.R.W.Q.C.B., and other parties associated with these groundwater issues.

The projects in this section of the plan meet the objectives in Section 3.0 (Wastewater and Recycled Water Services) in the Agency’s Strategic Plan.

Filter Modules Replacement

Funded

Function Development Services

Requestor: Water Agency

Start Date FY 15-16

End Date: 2016

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Replace filter modules at regular intervals as they wear out.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	400	Maintenance	0
Furniture	0	Personnel	0
Design	30	Other	0
Other	0		
Proj Cost Total	430	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	0	0	0	0	0	0	430	0	430	0	430

Sludge Removal

Funded

Function Development Services

Requestor: Water Agency

Start Date FY 12-13

End Date: N/A

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Removal of sludge that accumulates in the settling ponds.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	250	Maintenance	0
Furniture	0	Personnel	0
Design	50	Other	0
Other	0		
Proj Cost Total	300	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	0	0	0	0	300	0	0	0	300	0	300

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2014

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Improve solids handling.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	450	Maintenance	0
Furniture	0	Personnel	0
Design	177	Other	0
Other	0		
Proj Cost Total	627	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	0	27	0	100	500	0	0	0	600	0	627

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2012

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Relocation of Trunk Main to accommodate freeway interchange project.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	120	Maintenance	0
Furniture	0	Personnel	0
Design	0	Other	0
Other	0		
Proj Cost Total	120	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	40	80	0	0	0	0	0	0	0	0	120

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Improve drainage in the vicinity of the filter building.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	65	Maintenance	0
Furniture	0	Personnel	0
Design	10	Other	0
Other	0		
Proj Cost Total	75	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	0	0	0	75	0	0	0	0	75	0	75

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: 6/29/2010

Division or Section: Airport-Larkfield-Wikiup Sanitation Zone

Project Description:

Construction of a sludge drying bed to facilitate ease of transport.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	45	Maintenance	0
Furniture	0	Personnel	0
Design	5	Other	0
Other	0		
Proj Cost Total	50	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
ALWSZ	682302	0	0	0	50	0	0	0	0	50	0	50

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: 6/29/2013

Division or Section: Geyserville Sanitation Zone

Project Description:

Construction of improvements to repair, rehabilitate, or replace portions of the collection and/or treatment systems that are deteriorated or have insufficient capacity for existing flows.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	108	Maintenance	0
Furniture	0	Personnel	0
Design	12	Other	0
Other	0		
Proj Cost Total	120	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Geyserville Sanitation Zone	681304	0	0	0	0	30	30	30	30	120	0	120

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Geyserville Sanitation Zone

Project Description:

Implement modifications to improve the existing chlorination system.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	45	Maintenance	0
Furniture	0	Personnel	0
Design	15	Other	0
Other	0		
Proj Cost Total	60	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Geyserville Sanitation Zone	681304	0	0	0	60	0	0	0	0	60	0	60

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2013

Division or Section: Occidental County Sanitation Dist.

Project Description:

A program to replace leaking laterals on private property to reduce inflow into the treatment plant.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	80	Maintenance	0
Furniture	0	Personnel	0
Design	98	Other	0
Other	0		
Proj Cost Total	178	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
OCSD	651505	88	10	0	40	40	0	0	0	80	0	178

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2013

Division or Section: Occidental County Sanitation Dist.

Project Description:

Construction of improvements to repair or replace deteriorated portions of the existing wastewater lift station.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	70	Maintenance	0
Furniture	0	Personnel	0
Design	30	Other	0
Other	0		
Proj Cost Total	100	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Reduction, due to decreased maintenance needs

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
OCSD	651505	0	10	90	0	0	0	0	0	0	0	100

Function Development Services

Requestor: Water Agency

Start Date 2008

End Date: 2016

Division or Section: Occidental County Sanitation Dist.

Project Description:

The project objective is to satisfy regulatory requirements by eliminating discharges to Dutch Bill Creek through storage and reuse of all recycled water produced by the treatment facility. To achieve this objective, the project will: 1) Improve existing storage and/or add new storage, making it sufficient to store all of the WWTF effluent through the rainy season. 2) Expand the existing irrigation system to a size that is sufficient to dispose of the entire year's WWTF effluent during the irrigation season.



Status:

Design

Net Impact on Operating Budget:

Reduction, by eliminating NPDES permit

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	700	Utilities	0
Construction	3,500	Maintenance	0
Furniture	0	Personnel	0
Design	1,401	Other	0
Other	0		
Proj Cost Total	5,601	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
EPA STAG Grant	651505	72	487	0	500	942	2,800	800	0	5,042	0	5,601

Motor Control Cabinets

Funded

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2013

Division or Section: Penngrove Sanitation Zone

Project Description:

Replacement of Motor Control Cabinets in the Pump Station.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	40	Maintenance	0
Furniture	0	Personnel	0
Design	10	Other	0
Other	0		
Proj Cost Total	50	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
PSZ	680306	0	0	0	50	0	0	0	0	50	0	50

Replace Lift Station Pumps

Funded

Function Development Services

Requestor: Water Agency

Start Date 2012

End Date: 2013

Division or Section: Penngrove Sanitation Zone

Project Description:

Construction of improvements to replace existing wastewater pumps that are inadequate to pump existing inflow quantities.



Status:

Funded

Net Impact on Operating Budget:

Reduction, due to reduced maintenance

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	10	Maintenance	0
Furniture	0	Personnel	0
Design	0	Other	0
Other	0		
Proj Cost Total	10	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
PSZ	680306	0	0	0	10	0	0	0	0	10	0	10

Disinfection Upgrade

Funded

Function Development Services

Requestor: Water Agency

Start Date tbd

End Date: 2013

Division or Section: Russian River County Sanitation District

Project Description:

Replacement of existing chlorine disinfection with UV disinfection.



Status:

Construction

Net Impact on Operating Budget:

Increase due to increase in power use

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,756	Maintenance	0
Furniture	0	Personnel	0
Design	1,346	Other	0
Other	0		
Proj Cost Total	4,102	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
RRCSD/State	652305	3,682	293	0	127	0	0	0	0	127	0	4,102

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2010

Division or Section: Russian River County Sanitation District

Project Description:

Construct improvements to the biological treatment process at the Treatment Plant to remove nutrients for compliance with NPDES discharge permit requirements.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,763	Maintenance	0
Furniture	0	Personnel	0
Design	488	Other	0
Other	0		
Proj Cost Total	3,250	O/M Total	0

Status:

Requested

Net Impact on Operating Budget:

Unknown at this time

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	652305	0	0	0	425	2,825	0	0	0	3,250	0	3,250

Function Development Services

Requestor: Water Agency

Start Date tbd

End Date: 2018

Division or Section: Russian River County Sanitation District

Project Description:

Construct improvements to the wastewater reclamation system.



Status:

Planning

Net Impact on Operating Budget:

Unknown at this time

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	50	Utilities	0
Construction	7,460	Maintenance	0
Furniture	0	Personnel	0
Design	400	Other	0
Other	0		
Proj Cost Total	7,910	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Other	652305	0	10	0	50	50	50	300	7,450	7,900	0	7,910

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Russian River County Sanitation District

Project Description:

Construct improvements to replace deteriorated portions of the piping/pumping equipment at the Vacation Beach Lift Station to reduce the risks of failures, leaks, and spills.

Status:

Requested

Net Impact on Operating Budget:

Reduction due to reduced maintenance



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	200	Maintenance	0
Furniture	0	Personnel	0
Design	50	Other	0
Other	0		
Proj Cost Total	250	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
RRCSD	652305	0	150	0	100	0	0	0	0	100	0	250

Function Development Services

Requestor: Water Agency

Start Date 6/30/2010

End Date: 6/29/2013

Division or Section: Russian River County Sanitation District

Project Description:

Construction of improvements to repair, rehabilitate, or replace portions of the collection system that are deteriorated or have insufficient capacity for existing flows.

Status:

Unfunded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	800	Maintenance	0
Furniture	0	Personnel	0
Design	200	Other	0
Other	0		
Proj Cost Total	1,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
RRCSD	652305	0	0	0	0	0	500	0	500	1,000	0	1,000

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2013

Division or Section: Sea Ranch Sanitation Zone

Project Description:

Construction of improvements to repair, rehabilitate, or replace portions of the collection and/or treatment systems that are deteriorated or have insufficient capacity for existing flows.

Status:

Funded

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	123	Maintenance	0
Furniture	0	Personnel	0
Design	22	Other	0
Other	0		
Proj Cost Total	145	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SRSZ	678300	0	0	0	10	20	30	30	55	145	0	145

Function Development Services

Requestor: Water Agency

Start Date 2009

End Date: 2012

Division or Section: Sonoma Valley County Sanitation Dist.

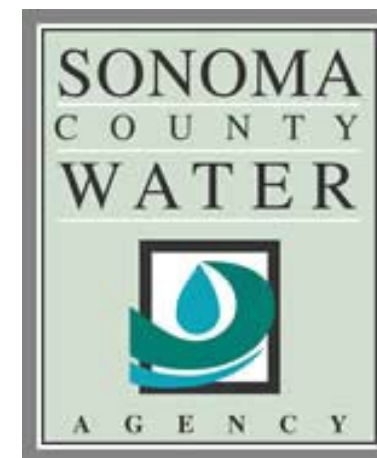
Project Description:

The Sonoma Valley County Wastewater treatment plant is in need of upgrading it's current biosolids system because it is old and inefficient. The project will increase it's biosolids process performance. Construction consists of a new screw press with area to dispose of dewatered sludge (cake), new system electrical, instrumentation, controls and demolition of existing biosolids process.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	2,800	Maintenance	0
Furniture	0	Personnel	0
Design	842	Other	0
Other	0		
Proj Cost Total	3,642	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCSD, SRF	653303	428	178	0	3,036	0	0	0	0	3,036	0	3,642

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2009

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Provide a protective interior coating for the concrete chlorine contact basin at the wastewater treatment plant to inhibit the degradation of the concrete and reinforcing steel.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	360	Maintenance	0
Furniture	0	Personnel	0
Design	40	Other	0
Other	0		
Proj Cost Total	400	O/M Total	0

Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	0	0	400	0	0	0	0	400	0	400

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2015

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Upgrade of crossing of waterways by the collection system to prevent damage during floods.



Status:

Planning

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	300	Maintenance	0
Furniture	0	Personnel	0
Design	100	Other	0
Other	0		
Proj Cost Total	400	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	100	0	100	100	100	0	0	300	0	400

Function Development Services

Requestor: Water Agency

Start Date 6/30/2012

End Date: 6/29/2013

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Construction of improvements to repair, rehabilitate, or replace portions of the collection system that are deteriorated or have insufficient capacity for existing flows.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	60	Utilities	0
Construction	2,490	Maintenance	0
Furniture	0	Personnel	0
Design	450	Other	0
Other	0		
Proj Cost Total	3,000	O/M Total	0

Status:

Unfunded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	0	0	0	0	0	0	3,000	3,000	0	3,000

New Recycled Water Service

Funded

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2012

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Addition of recycled water services to existing main



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	240	Maintenance	0
Furniture	0	Personnel	0
Design	60	Other	0
Other	0		
Proj Cost Total	300	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	100	0	200	0	0	0	0	200	0	300

Function Development Services

Requestor: Water Agency

Start Date 2009

End Date: 2015

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

The existing 21-inch Reinforced Concrete Pipe trunk sewer, and its appurtenant manholes, was constructed around 1958. This project will replace approximately 9,100 feet of the sewer trunk and appurtenance manholes with new 27-inch diameter sewer trunk from the intersection of 6th St. West at Studley St. to Happy Lane, including a double siphon crossing of Agua Caliente Creek. Due to funding limitations, the overall project has been split into 3 portions of roughly the same cost to be constructed incrementally as the District's rate based funding allows. The Double Siphon crossing of Agua Caliente Creek is also being designed as a separate stand alone project that is combined the 3 phases of the trunk replacement. The 2001 Sonoma Valley County Sanitation District wet Weather Sewer Analysis of the existing trunk system found that much of the existing sewer trunk was inadequately sized to carry the discharge for future District buildout plus the inflow and infiltration from a 20-year frequency design storm. Additionally, the original RCP trunk sewer is reaching the end of its service life. The original FY 09-10 Budget indicated funding requirements of \$434,000 for design, \$262,000 for CEQA and Permits, \$478,000 for Right-of Way, \$373,000 for Construction Contract Administration, and \$5,270,000 for Construction. The project being split into 4 separate projects will increase the design, construction contract administration, and construction costs as indicated in the spread sheet.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	962	Utilities	0
Construction	11,217	Maintenance	0
Furniture	0	Personnel	0
Design	2,043	Other	0
Other	0		
Proj Cost Total	14,222	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	380	1,027	0	5,460	4,111	3,244	0	0	12,815	0	14,222

Function Development Services

Requestor: Water Agency

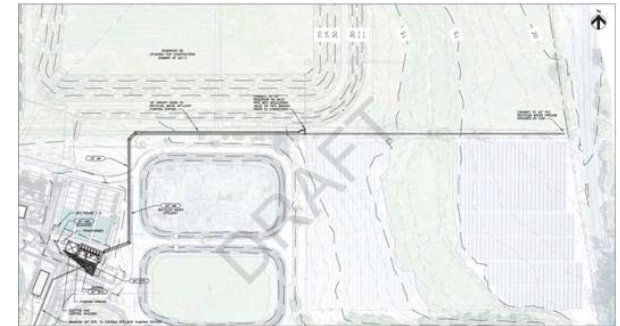
Start Date 2011

End Date: 2013

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Replace the pump station at the wastewater treatment facility in order to pump higher quantities of recycled water to recycled water system storage reservoirs, existing recycled water users, new recycled water users to the north of the Sonoma Valley County Sanitation District, WWTF and to the Napa Sonoma Salt Marsh.



Status:

Design

Net Impact on Operating Budget:

Some increase due to additional pumping costs and system maintenance.

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	0	Maintenance	0
Furniture	0	Personnel	0
Design	683	Other	0
Other	0		
Proj Cost Total	683	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
Bureau of Reclamation ARRA grant	653303	533	75	0	75	0	0	0	0	75	0	683

Function Development Services

Requestor: Water Agency

Start Date 2005

End Date: 2014

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Construction of approximately 3.5 miles of a new 18- to 24-inch recycled water pipeline to convey recycled water from the existing Sonoma Valley County Sanitation District Reclamation Distribution System to the Napa River Unit of the Napa-Sonoma Marshes Wildlife Area mixing chamber located at the northeastern edge of San Pablo Bay.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	245	Utilities	0
Construction	6,847	Maintenance	0
Furniture	0	Personnel	0
Design	157	Other	0
Other	11		
Proj Cost Total	7,260	O/M Total	0

Status:

Design

Net Impact on Operating Budget:

Some increase due to additional pumping costs and system maintenance.

Values are presented in Thousands (1 x 1000)

Funding SummaryeTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCSO, Bureau of Reclamation (Title 16 Watersmart Development Grant)	653303	0	0	0	7,035	225	0	0	0	7,260	0	7,260

Function Development Services

Requestor: Water Agency

Start Date 6/30/2008

End Date: 6/29/2010

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Replace the impermeable liners for the existing equalization basins at the wastewater treatment plant to prevent seepage out of the basins.



Status:

Requested

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	648	Maintenance	0
Furniture	0	Personnel	0
Design	72	Other	0
Other	0		
Proj Cost Total	720	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	0	0	50	670	0	0	0	720	0	720

Function Development Services

Requestor: Water Agency

Start Date 6/30/2011

End Date: 6/29/2013

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Construct new recycled water distribution piping along Eighth Street East, from the wastewater treatment plant north to Napa Road.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Construction	1,469	Utilities	0
		Maintenance	0
		Personnel	0
Design	259	Other	0
Other	0		
Proj Cost Total	1,728	O/M Total	0

Status:

Unfunded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	0	0	0	0	0	288	1,440	1,728	0	1,728

Sonoma Valley Recycle Project (Watmaugh to Arnold)

Unfunded

Function Development Services

Requestor: Water Agency

Start Date 6/30/2009

End Date: 6/29/2011

Division or Section: Sonoma Valley County Sanitation Dist.

Project Description:

Construct new recycled water distribution piping along Watmaugh Road, from east of Broadway to Arnold Drive.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	1,836	Maintenance	0
Furniture	0	Personnel	0
Design	324	Other	0
Other	0		
Proj Cost Total	2,160	O/M Total	0

Status:

Unfunded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SVCS	653303	0	0	0	0	360	1,800	0	0	2,160	0	2,160

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2013

Division or Section: South Park County Sanitation Dist.

Project Description:

Funding agreement with the City of Santa Rosa to replace existing collection system.



Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	800	Maintenance	0
Furniture	0	Personnel	0
Design	200	Other	0
Other	0		
Proj Cost Total	1,000	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SPCSD	654301	0	0	0	250	750	0	0	0	1,000	0	1,000

Function Development Services

Requestor: Water Agency

Start Date 7/1/1905

End Date: 12/30/2008

Division or Section: South Park County Sanitation Dist.

Project Description:

Replace approximately 6500 feet of existing 6-inch Vitrified Clay Pipe (VCP) and Asbestos Cement Pipe (ACP) sewer mains and appurtenant laterals, manholes, and main line cleanouts with new 8-inch plastic sewer pipe, laterals, mainline cleanouts, and precast concrete manholes. Additionally, approximately 2,070 feet of 4-inch water main and appurtenance will be replaced through an agreement with the City of Santa Rosa. The existing sewer facilities were originally constructed in the early 1950's to the early 1970's and will be replaced for several reasons: 1) The City of Santa Rosa and the SPCSD entered into a Dissolution Agreement; 2) the facilities are reaching the end of their service and are requiring increased maintenance efforts; and 3) the North Coast Regional Water Quality Control Board issued a Cleanup and Abatement Order.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	55	Utilities	0
Construction	4,431	Maintenance	0
Furniture	0	Personnel	0
Design	887	Other	0
Other	0		
Proj Cost Total	5,373	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SPCSD	654301	272	4,873	0	228	0	0	0	0	228	0	5,373

Function Development Services

Requestor: Water Agency

Start Date 2011

End Date: 2013

Division or Section: South Park County Sanitation Dist.

Project Description:

Funding agreement with City of Santa Rosa to replace existing collection system.



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	0	Utilities	0
Construction	350	Maintenance	0
Furniture	0	Personnel	0
Design	100	Other	0
Other	0		
Proj Cost Total	450	O/M Total	0

Status:

Funded

Net Impact on Operating Budget:

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SPCSD	654301	0	0	0	450	0	0	0	0	450	0	450

Function Development Services

Requestor: Water Agency

Start Date 7/1/1905

End Date: 7/9/1905

Division or Section: South Park County Sanitation Dist.

Project Description:

Replace approximately 5600 feet of existing 6-inch Vitrified Clay Pipe (VCP) and Asbestos Cement Pipe (ACP) sewer mains and appurtenant laterals, manholes, and main line cleanouts with new 8-inch plastic sewer pipe, laterals, mainline cleanouts, and precast concrete manholes. Additionally, approximately 580 feet of existing 4-inch water main and appurtenance will be replaced with 8-inch plastic water through an agreement with the City of Santa Rosa. The existing sewer facilities were originally constructed in approximately the mid-1950's and are being replaced for several reasons: 1) The City of Santa Rosa and the SPCSD entered into a Dissolution Agreement; 2) the facilities are reaching the end of their service and are requiring increased maintenance efforts; and 3) the North Coast Regional Water Quality Control Board issued a Cleanup and Abatement Order.

Status:

Design

Net Impact on Operating Budget:



Values are presented in Thousands (1 x 1000)

Project Cost		O and M Cost	
Acquisition	36	Utilities	0
Construction	2,979	Maintenance	0
Furniture	0	Personnel	0
Design	233	Other	0
Other	0		
Proj Cost Total	3,248	O/M Total	0

Values are presented in Thousands (1 x 1000)

Funding Summary

eTons:

FUNDING SOURCES	Index	Prior Year(s) Pre 2011-12	Estimated Actual 2011-12	Est Carryover	FY2012-13	FY2013-14	FY2014-15	FY2015-16	FY2016-17	5 YEAR TOTAL FUNDING	Future Year(s)	Total Project
SPCSD	654301	163	10	0	0	0	0	0	20	20	3,055	3,248